

# *APPARATUS AND METHOD FOR NEUTRALIZING TOXIC WASTE WATER AND DESTROYING ORGANIC COMPOUNDS*

## **Abstract**

A hollow cylindrical tube runs the length of a photo-reactor. The tube is positioned below the photo-reactor or the photo-reactor sits atop the device. The cylindrical tube has a slotted opening on top. The photo-reactor fits into the slotted opening and is supported by the slotted opening. There is added reinforcement through the use of support braces on either side of the slotted opening along the cylindrical tube. These support braces are L-shaped and add strength and support to the upright plates sitting in the slotted opening. The support braces are aid in the attachment of the cylindrical tubing and the photo-reactor plates. The photo-reactor plates contain UV light once UV light has entered. Other parts of the present invention can be manufactured to contain UV light once UV light has entered, as well.